Summary of Important Course Information and Policies

Course: MA 444–OR (40142)
Instructor: Prof. M. Nkashama
Class meetings: MWF, 1:00 PM - 2:20 PM, **location:** UH 4002

Office/Hours:

Room 4033, University Hall/ My office hours this term will be by appointment. (Pease email!)

Phone/Email: 934-2154 (Mathematics Department) / nkashama@uab.edu

Text:

Introduction to Vector Analysis, Seventh Edition, by Harry F. Davis and A. David Snider, Hawkes Learning, 2016.

Learning Outcomes:

- (Review of) Multiple Integrals and Applications
- Computation in Cylindrical and Spherical Coordinates
- Scalar and Vector Fields
- Line, Surface, and Volume Integrals
- Divergence Theorem
- Green, Gauss, and Stokes Theorems
- Applications to Physical Sciences

Grading: The course grade will comprise the following:

1 midterm test (20%)
homework/presentations (50%)
final examination (30%)

Make-up(s): *None.*

If you miss the final, you will receive the grade "**F**". If you miss the midterm test for serious and verifiable circumstances, your score on the final will be used (proportionally) in its place.

homework/Presentations:

Homework/presentations will be assigned regularly. Since the homework and presentations' grade constitutes 50% of your course grade, it is strongly recommended that you attend classes on a regular basis and complete all homework assignments when due. (No late homework will be accepted, for any reason!)

Drops/Withdrawals:

Last day to drop/add the course (without paying full tuition and fees): June 10, 2024
Juneteenth Holiday: June 19, 2024
Independence Day Holiday: July 04, 2024
Last day to withdraw from the course with "W": July 12, 2024
Last day to withdraw from the term *(must withdraw from all courses)*: August 02, 2024
Last day of class: August 02, 2024

Final Examination:

Monday, August 05, 2024, 1:30 PM - 4:00 PM
Note that the final examination will be a **comprehensive exam**.

Important Notice:

If you wish to request a disability accommodation, please contact DSS at 934-4205 or *dss@uab.edu.*